

Mycoplasma and Bacteria MCQ Question Answer

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Question: 1. Bacteria are usually classified as plants because they

- Option A. produce spores
- Option B. have cell walls
- Option C. cannot move
- Option D. produce enzymes

Question: 2. Which of the following is a best source of bacteria ?

- Option A. Water
- Option B. Soil
- Option C. Air
- Option D. Human body

Question: 3. Germ theory of disease was proposed by

- Option A. Robert Koch
- Option B. L. Pasteur
- Option C. T. Boveri
- Option D. F. Jacob

Question: 4. Escherichia coli is a bacterium which is a common inhabitant of

- Option A. fertile soil
- Option B. water
- Option C. human intestine
- Option D. all of these

Question: 5. True nucleus is absent in

- Option A. fungi
- Option B. algae
- Option C. lichens
- Option D. bacteria

Question: 6. The smallest bacteria are

- Option A. vibrio
- Option B. cocci
- Option C. spirilla
- Option D. bacilli

Question: 7. The nuclear material in a bacteria is made up of

- Option A. DNA

- Option B. RNA
- Option C. Chromosome
- Option D. None of these

Question: 8. Food poisoning is generally caused by

- Option A. Escherichia coli
- Option B. Clostridium botulinum
- Option C. Both (a) and (b)
- Option D. None of these

Question: 9. Which of the following bacteria can oxidise hydrogen sulphide to sulphur?

- Option A. Rhizobium
- Option B. Nitrosomonas
- Option C. Beggiatoa
- Option D. Nitrobacter

Question: 10. Bacteria which directly converts atmospheric nitrogen into nitrogen compounds are called

- Option A. Nitrifying bacteria
- Option B. Nitrogen fixing bacteria
- Option C. Denitrifying bacteria
- Option D. Putrefying bacteria

Question: 11. The pigment similar to chlorophyll found in green sulphur bacteria is

- Option A. bacterioviridin
- Option B. bacteriochlorophyll
- Option C. chlorophyll
- Option D. both (a) and (c)

Question: 12. Bacteria reproduce

- Option A. asexually only
- Option B. sexually only
- Option C. mostly asexually
- Option D. mostly sexually

Question: 13. Tetanus is caused by

- Option A. Bacillus coli
- Option B. Streptococcus spp.
- Option C. Pasteurella pestis
- Option D. Clostridium tetani

Question: 14. Of the following, which is not a bacterial action?

- Option A. Sewage disposal
- Option B. Nitrogen fixation
- Option C. Emulsification of fat
- Option D. None of these

Question: 15. Which of the following statement is correct ?

- Option A. All bacteria are autotrophic
- Option B. All bacteria are heterotrophic
- Option C. All bacteria are photosynthetic
- Option D. Most of the bacteria are heterotrophic but some are autotrophic

Question: 16. A free living bacterium capable of fixing atmospheric nitrogen is

- Option A. Staphylococcus
- Option B. Streptococcus
- Option C. Azotobacter
- Option D. None of these

Question: 17. Bacteria reproduce asexually by means of

- Option A. fission
- Option B. endospores
- Option C. cyst
- Option D. all of these

Question: 18. The bacteria which do not bear flagella are termed as

- Option A. atrichous
- Option B. lophotrichous
- Option C. amphitrichous
- Option D. peritrichous

Question: 19. Bacterial cell-wall is composed of

- Option A. chitin
- Option B. mucopeptidic
- Option C. lignin
- Option D. suberin

Question: 20. Citrus canker is a common disease of lemon and oranges. It is caused by

- Option A. Bacillus subtilis
- Option B. Rhizobium
- Option C. E. coli
- Option D. None of these

Question: 21. Bacteria was first discovered by

- Option A. Robert Koch
- Option B. Louis Pasteur
- Option C. A.V. Leeuwenhoeck
- Option D. Robert Hooke

Question: 22. There is no alternation of generation in *E. coli* due to absence of

- Option A. nucleus
- Option B. chromosomes
- Option C. reduction division
- Option D. syngamy

Question: 23. Peptidoglycan is present in

- Option A. gram-positive bacteria
- Option B. gram-negative bacteria
- Option C. all bacteria
- Option D. only some bacteria

Question: 24. Denitrifying bacteria convert

- Option A. ammonia to nitrite
- Option B. nitrite to nitrate
- Option C. nitrate to free nitrogen
- Option D. nitrogen to ammonia

Question: 25. Endospore formation takes place in which of the following bacteria ?

- Option A. Coccus
- Option B. Bacillus
- Option C. Spirillum
- Option D. Vibrio

Question: 26. Root nodules are formed by the symbiotic relation between the legume and

- Option A. algae
- Option B. bacteria
- Option C. bryophyta
- Option D. fungi

Question: 27. Which of the following occurs in photo-synthetic bacteria only ?

- Option A. Mesosomes
- Option B. Nucleoid
- Option C. Chromatophores
- Option D. Pili

Question: 28. Bacteria having a tuft of flagella at one end are called

- Option A. monotrichous
- Option B. peritrichous
- Option C. amphitrichous
- Option D. lophotrichous

Question: 29. Which of the following statements about bacteria is not true ?

- Option A. Some bacteria are parasitic
- Option B. Food poisoning is caused by products of putrefying bacteria
- Option C. Bacteria reproduce by cell division, as often as once every twenty minutes
- Option D. Bacteria manufacture food by help of chloroplasts

Question: 30. Chlorophyll 'a' occurs in

- Option A. all plants except fungi
- Option B. all green plants except prokaryotes
- Option C. all green plants except bacteria
- Option D. all green plants except cyanobacteria

Answer Sheet

1	B	
2	B	
3	B	
4	C	
5	D	
6	B	
7	A	
8	B	
9	C	
10	B	
11	A	
12	C	
13	D	
14	C	
15	D	
16	C	
17	D	
18	A	
19	B	
20	D	
21	C	
22	C	
23	C	
24	C	
25	B	
26	B	
27	C	
28	D	
29	D	
30	C	